

PTO/SB/08A (08-03)

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|------------------------|-----------------|
| Application Number     | 09/942,388      |
| Filing Date            | August 29, 2001 |
| First Named Inventor   | R. Czerwiec     |
| Art Unit               | 2664            |
| Examiner Name          | B. O. Nguyen    |
| Attorney Docket Number | 907-153-13      |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| BQN                | 1                     | US- 4,679,227                            | 07-07-1987                     | Hughes-Hartogs                                     |   |
| BQN                | 2                     | US- 5,543,951                            | 08-06-1996                     | Moehrmann  |   |
| BQN                | 3                     | US- 5,625,685                            | 04-29-1997                     | Allegranza et al                                   |   |
| BQN                | 4                     | US- 5,805,591                            | 09-08-1998                     | Naboulsi et al                                     |   |
| BQN                | 5                     | US- 5,889,856                            | 03-30-1999                     | O'Toole et al                                      |   |
| BQN                | 6                     | US- 6,084,881                            | 07-04-2000                     | Fosmark et al                                      |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|--|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |  |                |
| BQN                | 9                     | CA 2,013,390  | 03-28-1990                     | N. Dyer  |  |                |
| BQN                | 10                    | WO 97/09827   | 05-13-1997                     | NEC Australia                                      |  |                |
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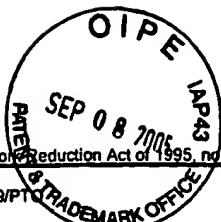
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| Attorney Docket Number | 907-153-13      |

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
| BAN                | 1                     | ANSI T1.413-1995, "Network and Customer Installation Interfaces--Asymmetric Digital Subscriber Line (ADSL) Metallic Interface".   |                |
| BAN                | 2                     | "ADSL and VADSL Splitter Design and Telephone Performance", J. Cook et al, IEEE Journal on Selected Areas in Communications, Vol. 13, No. 9, Dec. 1995, pp. 1634-1642.  |                |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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